

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
 Data File : VX048632.D
 Acq On : 20 Nov 2025 13:07
 Operator : JC/MD
 Sample : Q3689-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 251119025-03 Trip blank

Quant Time: Nov 21 00:31:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.543	168	189254	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.744	114	351085	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	371633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	196397	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	149097	56.538	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	113.080%
35) Dibromofluoromethane	5.379	113	125777	47.334	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.660%
50) Toluene-d8	8.634	98	397108	47.917	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.840%
62) 4-Bromofluorobenzene	11.067	95	174592	56.530	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.060%

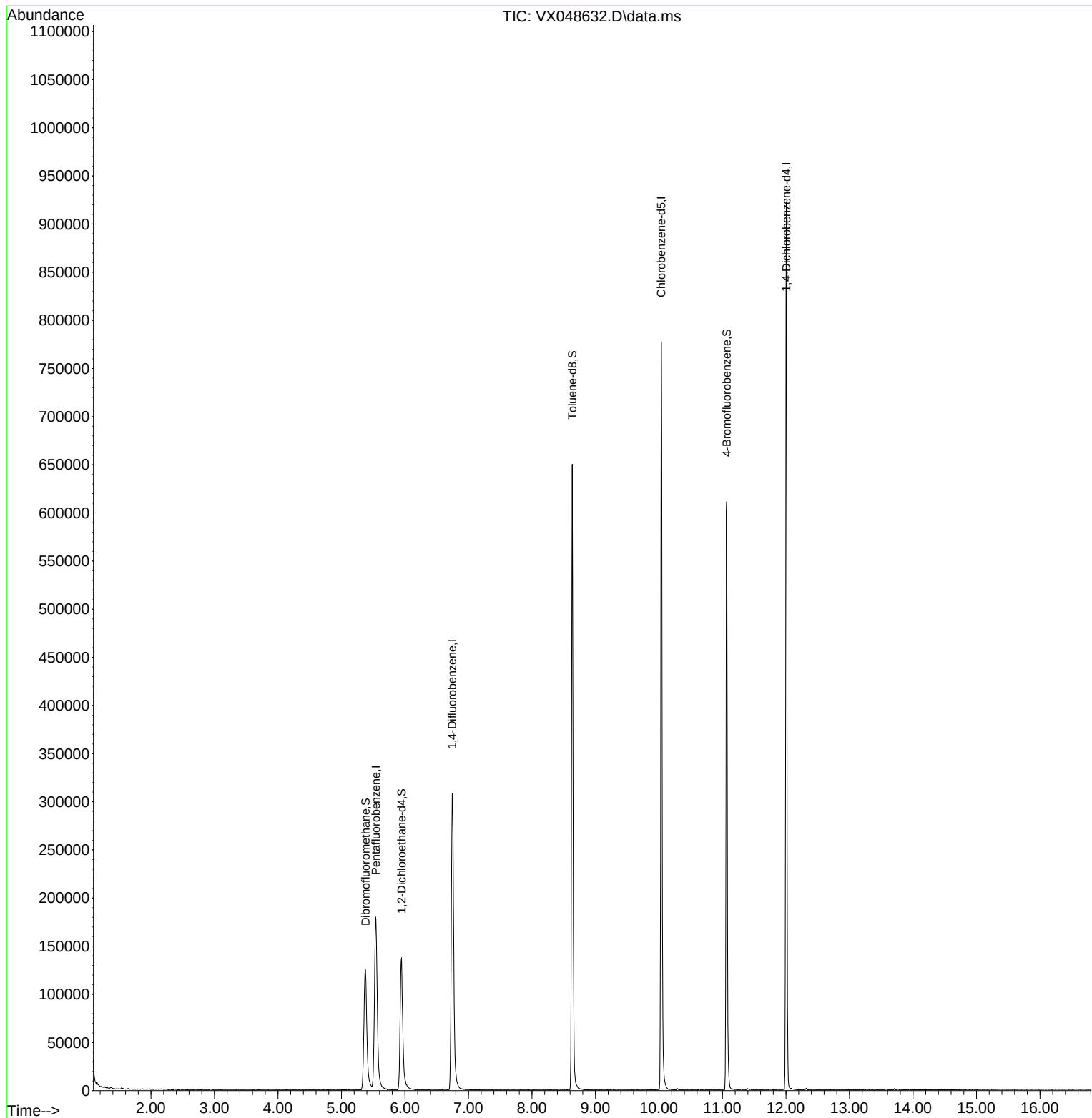
Target Compounds	Qvalue

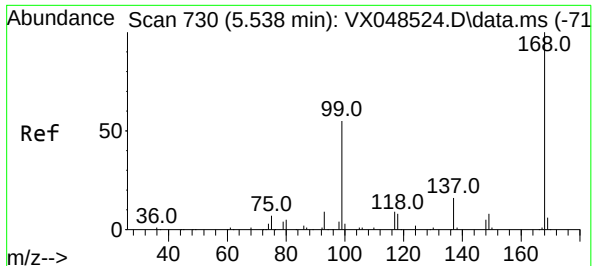
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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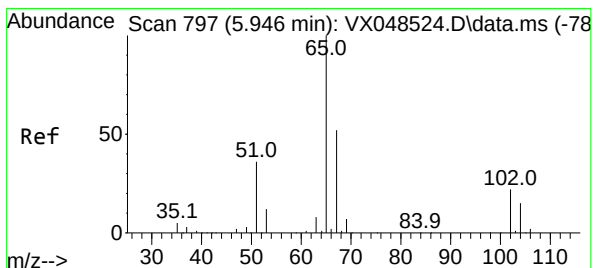
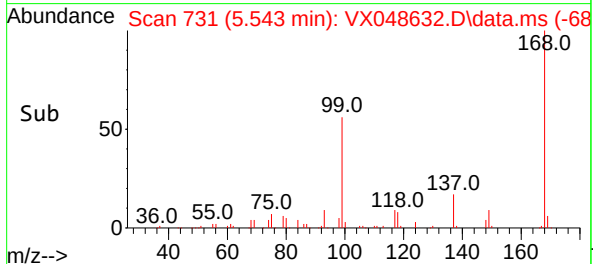
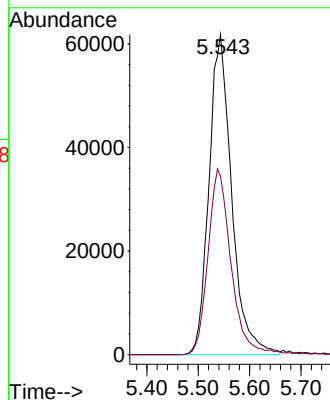
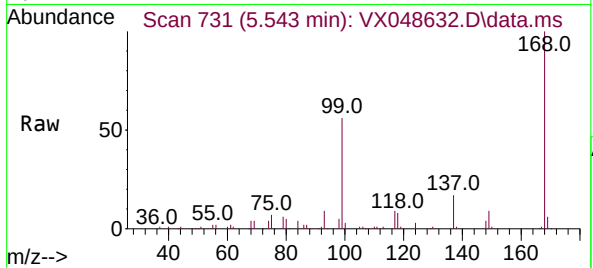




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 731
Delta R.T. 0.005 min
Lab File: VX048632.D
Acq: 20 Nov 2025 13:07

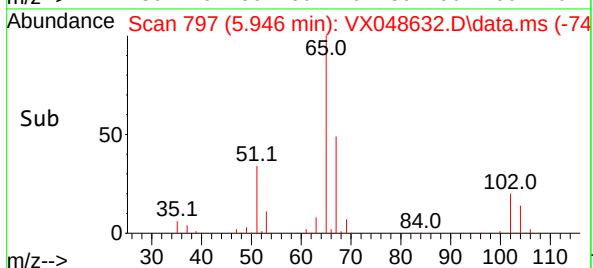
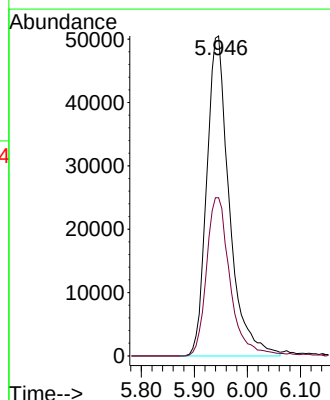
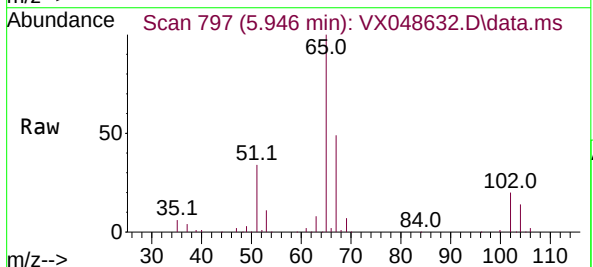
Instrument :
MSVOA_X
ClientSampleId :
251119025-03 Trip blank

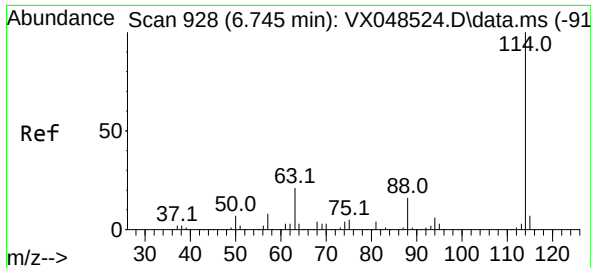
Tgt Ion:168 Resp: 189254
Ion Ratio Lower Upper
168 100
99 55.6 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 56.538 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.000 min
Lab File: VX048632.D
Acq: 20 Nov 2025 13:07

Tgt Ion: 65 Resp: 149097
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.2

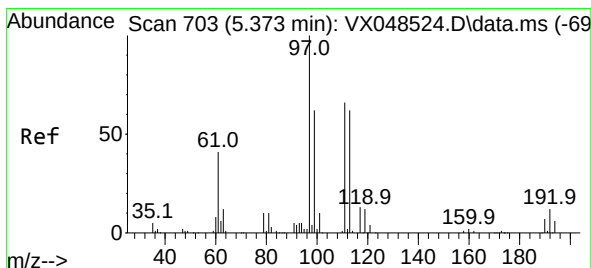
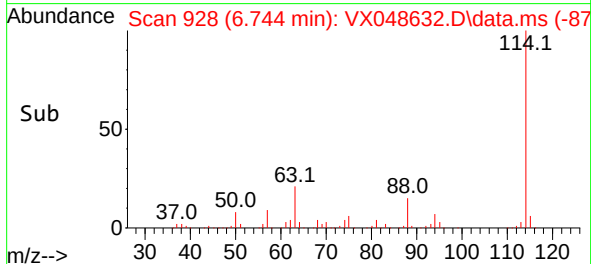
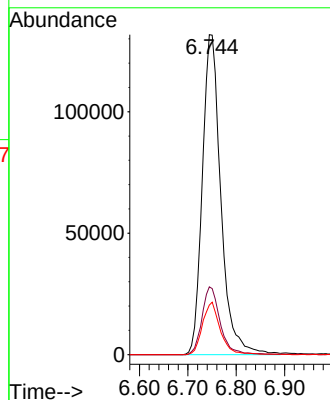
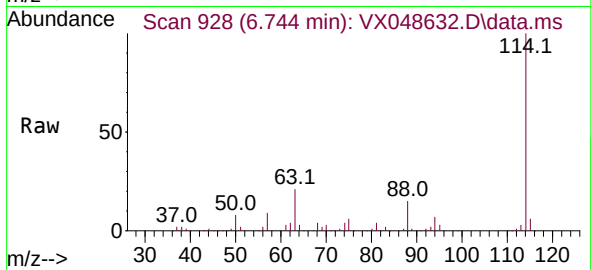




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.744 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048632.D
Acq: 20 Nov 2025 13:07

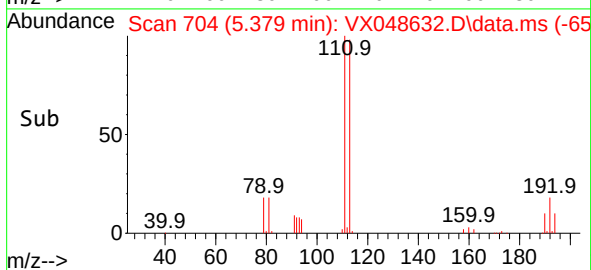
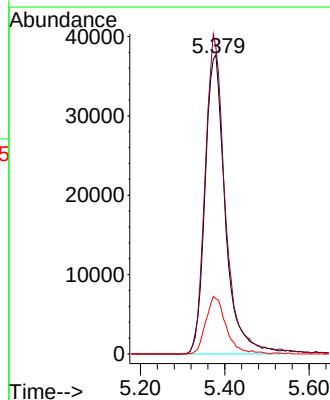
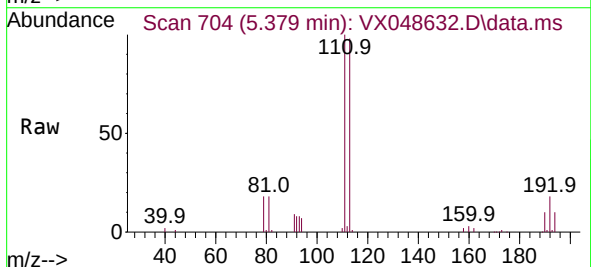
Instrument :
MSVOA_X
ClientSampleId :
251119025-03 Trip blank

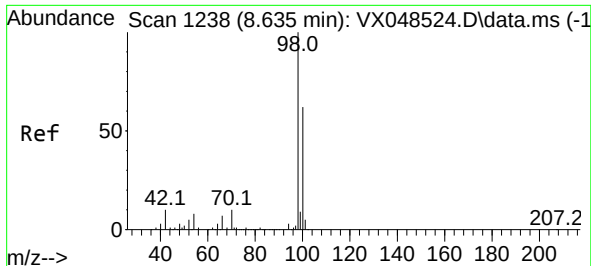
Tgt Ion:114	Resp:	351085
Ion	Ratio	Lower Upper
114	100	
63	21.2	0.0 41.2
88	15.5	0.0 32.2



#35
Dibromofluoromethane
Concen: 47.334 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048632.D
Acq: 20 Nov 2025 13:07

Tgt Ion:113	Resp:	125777
Ion	Ratio	Lower Upper
113	100	
111	106.6	81.9 122.9
192	19.2	15.8 23.6

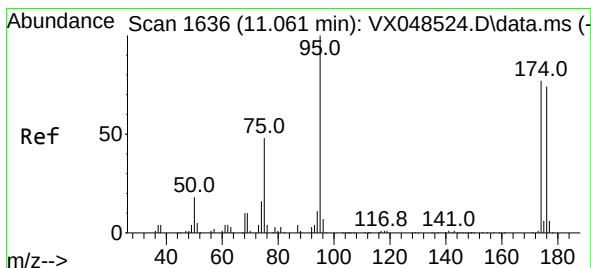
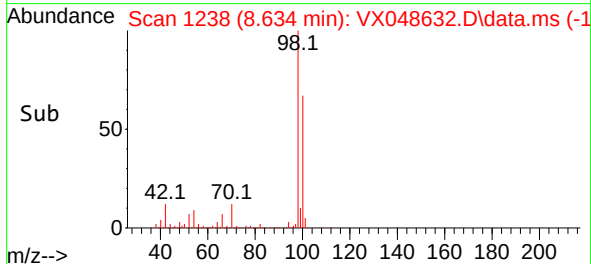
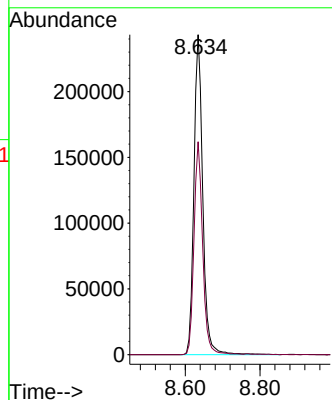
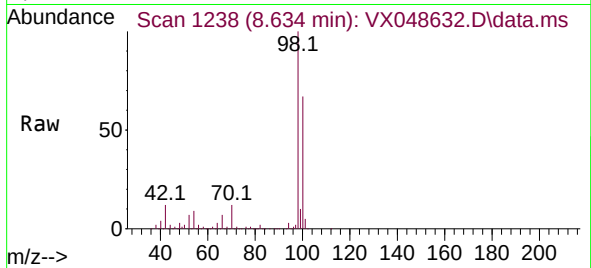




#50
Toluene-d8
Concen: 47.917 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048632.D
Acq: 20 Nov 2025 13:07

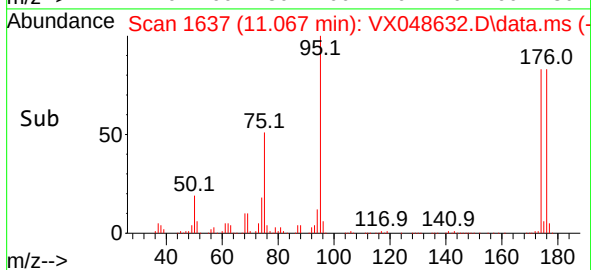
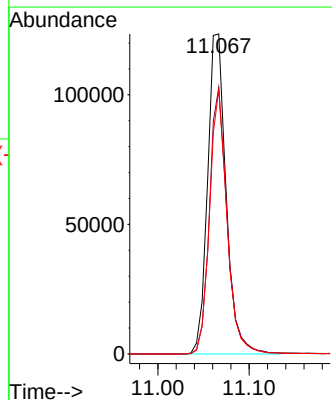
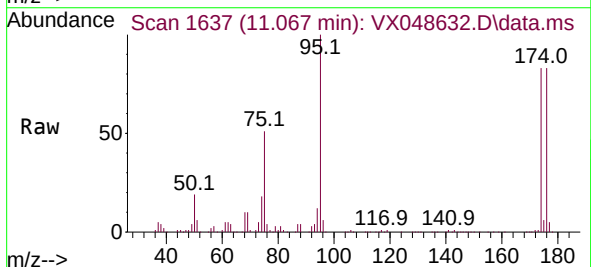
Instrument :
MSVOA_X
ClientSampleId :
251119025-03 Trip blank

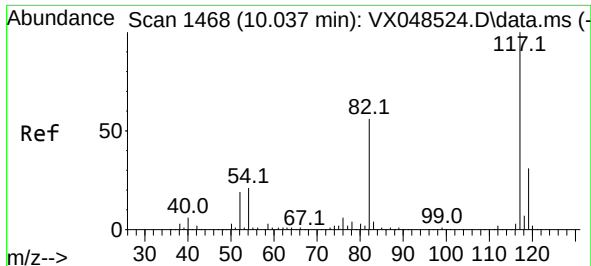
Tgt Ion: 98 Resp: 397108
Ion Ratio Lower Upper
98 100
100 65.4 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 56.530 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048632.D
Acq: 20 Nov 2025 13:07

Tgt Ion: 95 Resp: 174592
Ion Ratio Lower Upper
95 100
174 79.6 0.0 161.8
176 77.6 0.0 153.6

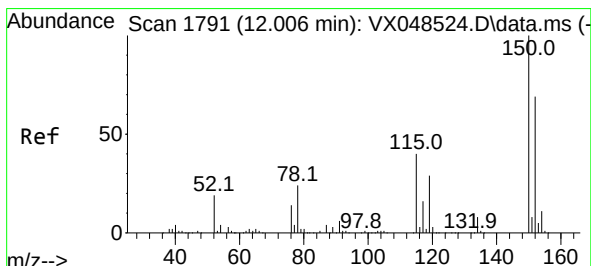
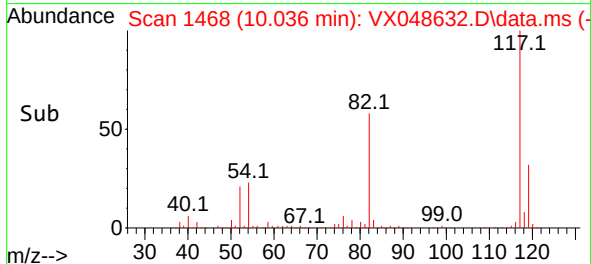
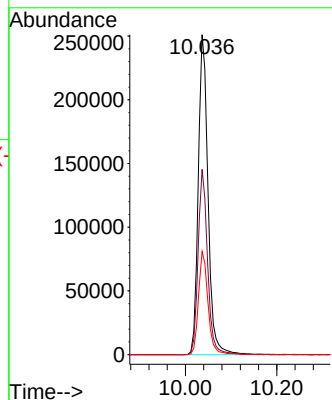
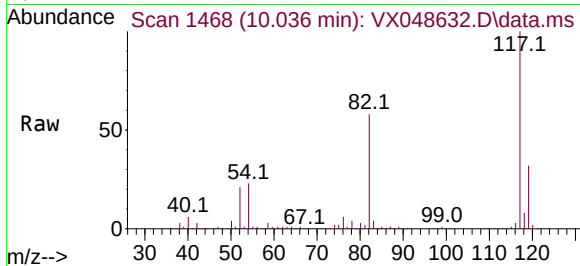




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048632.D
Acq: 20 Nov 2025 13:07

Instrument :
MSVOA_X
ClientSampleId :
251119025-03 Trip blank

Tgt Ion:117	Resp:	371633	
Ion	Ratio	Lower	Upper
117	100		
82	57.9	44.4	66.6
119	32.2	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048632.D
Acq: 20 Nov 2025 13:07

Tgt Ion:152	Resp:	196397	
Ion	Ratio	Lower	Upper
152	100		
115	59.5	39.2	117.6
150	156.6	0.0	347.0

